PROGRAM TUESDAY JUNE 21, 2022

Moscow time	Speaker	Title of the talk
09:30-09:50 am	REGISTRATION, 9th floor	
09:50-10:00 am	OPENING **Conference hall 9th floor** **All talks of the conference will be in the conference hall of Steklov Institute**	
Chair:		
10:00-10:30	Vladimir Vatutin (Steklov Mathematical Institute, Russia)	Branching processes in non-favorable random environment
10:30-11:00	Li Zenghu (Beijing Normal University, P.R. China)	Exponential ergodicity of branching processes with immigration and competition
11:00-11:20 Coffee break		
Chair:		
11:20-11:50	Hu Yueyun (Universite Paris XIII, France)	Capacity of the range of critical branching random walks
11:50-12:20	Tesemnikov Pavel (Novosibirsk State University, Russia)	The probability of reaching a receding boundary by a random walk on branching process with fading branching and heavy-tailed jump distribution
12:20 – 15:00 Lunch		
Chair:		
15:00-15:30	Sharipov Sadillo (Romanovskii Institute, Uzbekistan)	Some functional limit theorems for branching processes with dependent immigration

15:30-16:00	Kutsenko Vladimir (MSU, Russia)	Branching random walks with the generation of particles determined by Gumbel-type random potential. Simulation.
16:00-16:30	Imomov Azam (Karshi State University, Uzbekistan)	On the calculation of the Kolmogorov constant from the theory of Galton-Watson branching processes
16:30-16:50 Coffee break		
Chiar:		
16:50-17:20	Denisov Konstantin (Steklov Mathematical Institute, Russia)	Local Lower and Large Deviations of Branching Process in Random Environment with Geometric Number of Descendants
17:20-17:50	Lopez-Mimbela Jose Alfredo (Guanojuato, Mexico)	Fluctuation limit theorem for the occupation time of a branching systems with long individual lifetimes

PROGRAM WEDNESDAY JUNE 22, 2022

Moscow time	Speaker	Title of the talk
Chair:		
10:00-10:30	Afanasyev Valerii (Steklov Mathematical Institute, Russia)	On the local time of a stopped random walk attaining a high level
10:30-11:00	Hong Wenming (BNU, China)	Quenched invariance principles for random walks in random environment conditioned to stay positive
11:00-11:20 Coffee break		
11:20-11:50	Bulinskaya Ekaterina (MSU, Russia)	On the Hitting time of a Growing Level by a Catalytic Branching Walk

11:50-12:20	Smadi Charline (INRAE and Institut Fourier, France)	Parasite infection in a cell population with deaths
12:20 – 15:00 Lunch		
Chair:		
15:00-15:30	Dyakonova Elena (Steklov Mathematical Institute, Russia)	The initial stage of the evolution for intermediately subcritical branching processes in random environment
15:30-16:00	Shklyaev Aleksandr (Steklov Mathematical Institute, Russia)	Large Deviations of Subcritical Branching Processes in Random Environment with and without Immigration
16:00-16:30	Bakai Gavriil (Steklov Mathematical Institute, Russia)	Large deviations of random walk in random environment
16:30-16:50 Coffee break		
16:50-17:20	Topchii Valentin (Omsk Branch of Sobolev Institute of Mathematics, Russia)	Properties of ongoing critical branching processes with countable particle types
17:20-17:50	Kolkovska Ekaterina Todorova (Guanojuato, Mexico)	A persistense result for a critical multitype branching system

PROGRAM THURSDAY, JUNE 23, 2022

Moscow time	Speaker	Title of the talk
Chair:		
10:00-10:30	Yarovaya Elena (MSU, Russia)	Processes with generation and transport of particles
10:30-11:00	Pavlov Yury (IPMI KarNC RAN, Russia)	New results on random forests

11:00-11:20 Coffee break		
11:20-11:50	Bocharov Sergei (Xian Jiatong-Liverpool University, China)	Long edges in birth-death trees
11:50-12:20	Lotov Vladimir (Sobolev Institute of Mathematics, Russia)	Inequalities for the mean time to reach the level by a random walk with delay at zero
12:20 – 12:50	Liu Quansheng (Univ. Bretane-Sud, France)	Lp convergence and large deviations for supercritical multitype branching processes in random environments
12:50 – 15:00 Lunch		
Chair:		
15:00-15:30	Popov Grigory (MSU, Russia)	Functional Limit Theorems for Continuous-Time Critical Recurrent Branching Random Walks
15:30-16:00	Anokhina Maria (MSU, Russia)	A Limit Theorem for a Moment of Maxima of a Random Walk, Reaching the Fixed Level
16:00-16:30	Kharlamov Victor (Steklov Mathematical Institute, Russia)	Asymptotic behaviour of the survival probability of almost critical branching processes in a random environment with geometric distribution
16:30-17:00	Zubkov Andrey (Steklov Mathematical Institute, Russia)	Branching processes on finite sets and iterations of random mappings
17:00-20:00	Buffet with informal discussions	

PROGRAM FRIDAY,   JUNE 24, 2022

Moscow time	Speaker	Title of the talk
Chair:		
10:00-10:30	Smorodina Natalya (PDMI RAS, Russia)	On a kernels of some random operators
10:30-11:00	Platonova Mariia (PDMI RAS, Russia)	Probabilistic approximation of evolution operators related to higher order Schrödinger equations
11:00-11:20 Coffee break		
11:20-11:50	Khvorostyanskaya Elena (IPMI KarNC RAN, Russia)	On sizes of trees in a Galton-Watson forest with power-law distribution
11:50-12:20	Korshunov Ivan (Steklov Mathematical Institute, Russia)	Limit theorems for branching processes in cooling random environment
12:20-12:50	Volgin Artem (MIREA, Russia)	On structural equivalence of s-tuples in Markov chains
12:50 – 15:00 Lunch		
Chair:		
15:00-15:30	Alexeev Ivan (PDMI RAS, Russia)	Generalization of Lévy's problem
15:30-16:00	Nikolaev Artem (PDMI RAS, Russia)	On the probabilistic representation of the resolvent of the two-dimensional Laplacian